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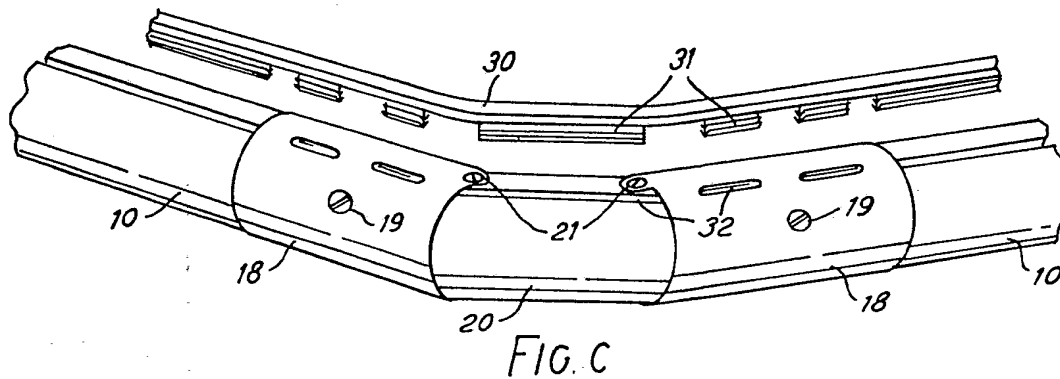
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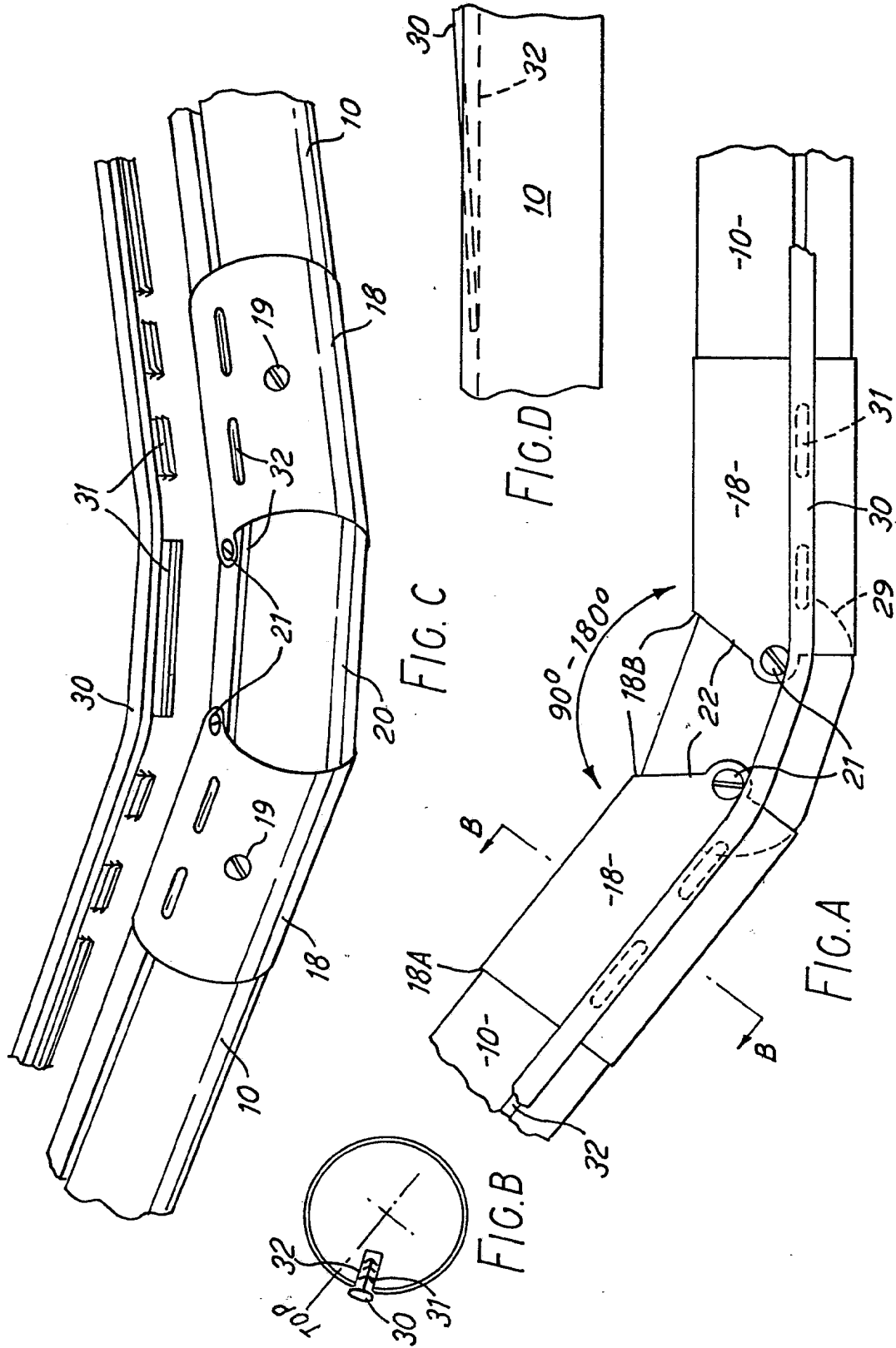
(56) Documents cited  
**None**

(58) Field of search  
**A4B**  
**Selected US specifications from IPC sub-class A47H**

(54) **Improvements in joining curtain rods**

(57) A device for improving the sliding of curtain rings over curtain rod joints, which joints comprise tubular members (18) which slide over the ends of curtain rods (10) and are held in place by screws (19), the device comprising one or more ramps or tracks (30), fixed to the upper side of the rods (10) and tubular members (18) by the lugs (31) engaging the slots (32).





## SPECIFICATION

## Improvements in and relating to curtain rods

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This invention relates to curtain rods and in particular to curtain rods for bay windows in which separate rods are joined together at the window angles.

10 The main object of the present invention is to facilitate sliding of curtain rings over the joints.

In our patent application 8327534 we have described a joint comprising two tubular members to receive the ends of adjacent rods and means for joining the tubular members together.

It has been found that the diameter of available curtain rods vary slightly and with some of them the curtain rings do not easily slide from the rods on to the tubular member.

20 According to the present invention we provide a ramp or track along the rod and the tubular member and fixed to both of them and located on the upper side of the rod and tubular member so that the rings can slide easily from the rod on to and over the tubular member.

The ramp or track may be a strip of plastics or other material having lugs entering slots in the rod and tubular member.

The invention will be further described by way of example with reference to the accompanying drawings wherein:—

35 *Figure A* is a plan view of a joint made in accordance with the invention;

*Figure B* is a sectional view on the plane B-B on Fig. A;

*Figure C* is a perspective view thereof; and

40 *Figure D* is a part elevational view thereof.

Two curtain rods 10, 10 have their ends entered into two identical tubular members 18 and fixed by screws 19. A central member 20 which may be solid or tubular is located within the ends of the members 18 and secured by screws 21 which provide two pivotal axes that are parallel to each other. The ends of the members 18 are cut away at 22 to enable the members 18 to be hinged about said axes through an angle of up to 90°.

50 The central member 20 is formed either integrally or by additional caps with rounded ends 29 such that on moving the rods out of alignment there is provided an almost continuous surface from the end of one member 18 over the curved surfaces 29 on to the other member 18.

60 However sometimes curtain rings will not easily move from the rods 10 over the end edges 18A, 18B, of the members 18. Therefore for the purpose of the present invention we provide a ramp 30 in the form of a plastics strip which has lugs 31 that enter into slots 32 in the rods, tubular members, and central block. This strip is located at the up-

per generatrices of the rods and other parts so that curtain rings can ride up the ramp from the rod 10 over the edges 18A, 18B. A single strip may extend over the entire joint to provide a ramp on both sides of the joint or two or more strips may be used. As shown in Fig. D the ends of the ramp descend into the slots in the rods.

70 Instead of the lugs and slots we may use other means for attaching the strip e.g. adhesive or screws.

75 Instead of a ramp as shown the strip may extend along the entire length of the rod and tubular member on a constant level.

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## CLAIMS

1. A curtain rod device comprising tubular members for joining curtain rods together and one or more ramps or tracks along the rods and tubular members and fixed to them and located on the upper sides of the rods and tubular members so that curtain rings can slide easily from the rods on to and over the tubular members.

90 2. A curtain rod device as claimed in Claim 1 wherein the ramp or track is a strip of material having lugs entering slots in the rods and tubular members.

95 3. A curtain rod device as claimed in Claim 2 wherein the tubular members are joined together by a central member and one of said lugs enters a slot in the central member.

4. A curtain rod device substantially as described with reference to the accompanying drawings.

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